

TIBC

Acceptable Tube Types



Alternate Name:	Iron (Fe) and Iron Binding Capacity	
Performing Lab:	New Hanover	
Specimen Container:	Yellow serum separator tube or red top tube	
Minimum Volume Required:	1.0 mL	
Testing Availability	Routine:	24 hours/day
	Stat:	Yes
Turnaround Time:	Routine: 4 hours Stat: < 1 hour	
Special Handling:	None	
Patient Preparation:	None	
Specimen Stability:		
Reference Range:	IBC:	250 – 450 ug/dL
Critical Value:	None	
CPT Code:	IBC 83550	
Testing Methodology:	Two Point Rate	
Causes for Specimen Rejection:	Improper labeling Plasma samples	
Other Comments:		
Clinical Significance:	Serum iron quantification is a useful aid in confirming the diagnosis of iron-deficiency anemia or hemochromatosis. The measurement of total iron binding in the same specimen may facilitate the clinician's ability to distinguish between low serum iron levels caused by iron deficiency from those related to inflammatory neoplastic disorders.	